



RovoRx-HDMI

UltraHD/HD HDBaseT Receiver



RovoRx-HDMI is an UltraHD/HD HDBaseT receiver with integrated HDMI video and audio outputs specifically designed to receive RovoCam's output. Receive the RovoCam's video and audio up to 100m away from the camera, and output to HDMI TVs and devices.



RovoRx-HDMI

Receive and Deliver

Control and display RovoCam's gorgeous UltraHD/HD imagery remotely with RovoRx-HDMI. RovoRx-HDMI is an UltraHD/HD HDBaseT Receiver with integrated HDMI video and audio outputs specifically designed to receive RovoCam's output. Receive the RovoCam's video and audio up to 100m away from the camera, and output to HDMI TVs and devices. The HDBaseT connector on RovoRx-HDMI supports camera uncompressed video, audio, power, and control, all over a single Cat 5e/6 cable, greatly simplifying cabling and systems integration.

Connectivity Features Include:

- 1 x UltraHD/HD HDMI output
- 1 x RCA stereo audio output
- 1 x USB for firmware upgrades
- 1 x RS-232 for RovoCam control
- 1 x HDBaseT connector (RJ-45)

RovoRx-HDMI

UltraHD/HD HDBaseT Receiver

Video Formats

- (4K) 4096 x 2160P 50, 59.94, 60 (8-bit 4:2:0)
- (4K) 4096 x 2160P 23.98, 24, 25, 29.97, 30
- (UltraHD) 3840 x 2160P 50, 59.94, 60 (8-bit 4:2:0)
- (UltraHD) 3840 x 2160P 23.98, 24, 25, 29.97, 30
- (2K) 2048 x 1080p 23.98, 24, 25, 29.97, 30, 50, 59.94, 60
- (HD) 1080p 23.98, 24, 25, 29.97, 50, 59.94, 60
- (HD) 1080i 25, 29.97
- (HD) 720p 25, 29.97, 50, 59.94, 60
- (SD) 625i, 525i

**Wide range of VESA formats supported for pass through see associated chart on VESA formats.*

Video Input

- HDBaseT (RJ-45)

Video Output

- HDMI 1.4b

Audio Output Digital

- 8-Channels (4 pairs) of HDMI embedded audio supported
- Rates supported: 32 kHz, 44.1 kHz, 48 kHz, 88.2 kHz, and 96 kHz

Audio Output Analog

- 2 x RCA connectors, 2-Channel unbalanced

**This feature only works when used in conjunction with RovoCam*

RS-232

- 1 x 3.5mm TRS Input for RS-232/VISCA bidirectional signals

User Interface

- AJA Control Software

USB

- 1 x USB for firmware and additional control

Size (w x d x h)

- 4.03" x 5.2" x 0.94" (102.4mm x 132mm x 23.9mm)

Weight

- 0.7 lbs (0.4 kg)

Power

- RovoRx-HDMI only: 48V @ 125mA = 6W typical, 48V @ 156mA = 7.5W max
- RovoRx-HDMI powering RovoCam: 48V @ 271mA = 13W typical, 48V @ 312mA = 15W max

Environment

- Safe Operating Temperature Range: 0C to 40C (32F to 104F)
- Operating Relative Humidity: 10-90% noncondensing
- Operating Altitude: <3,000 meters (<10,000 feet)
- Safe Storage Temperature (Power OFF): -40 to 60 degrees C (-40 to 140 degrees F)